Comments on the result:
We observed that yet in the first iteration the quality of the foreground-background segmentation was quite decent, but with some artifacts (Illustration 2). This happened because the initial foreground annotation included lots of background information (Illustration 1), which gave us a "noisy" color distribution for the foreground in the first iteration.
Illustration 3 shows a big improvement in the second iteration, where most of the previous mentioned artifacts disappeared. This occurred thanks to the refinement of the previous, "noisy" segmentation.
In the next iterations (i.e. from 3rd to 10th Iteration) we observed only small changes/improvements, which finally led to our final segmentation (Illustration 4). The quality of the final segmentation is quite good; there are only some small artifacts in the middle of the the image (white dots of the flower). The reason for these remaining artifacts might be that the color distribution for these foreground regions is almost the same as the color distribution for the background.

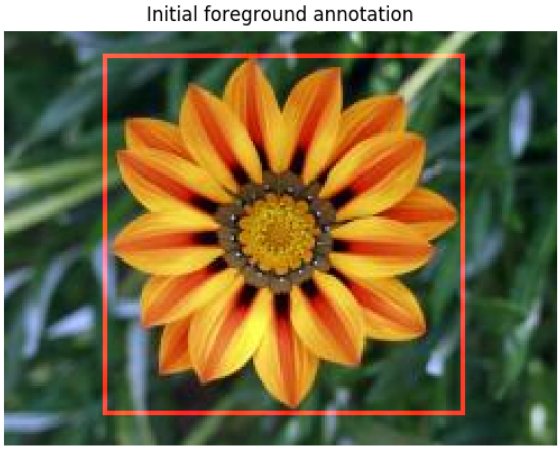

Illustration 1

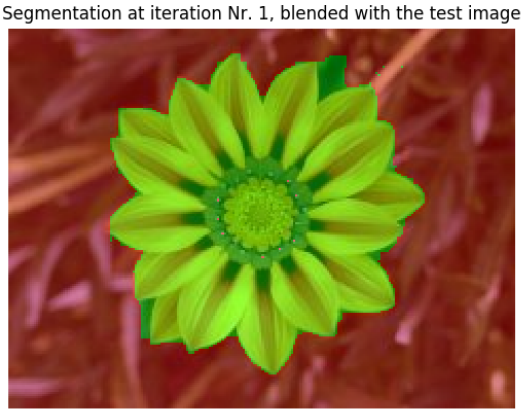

Illustration 2

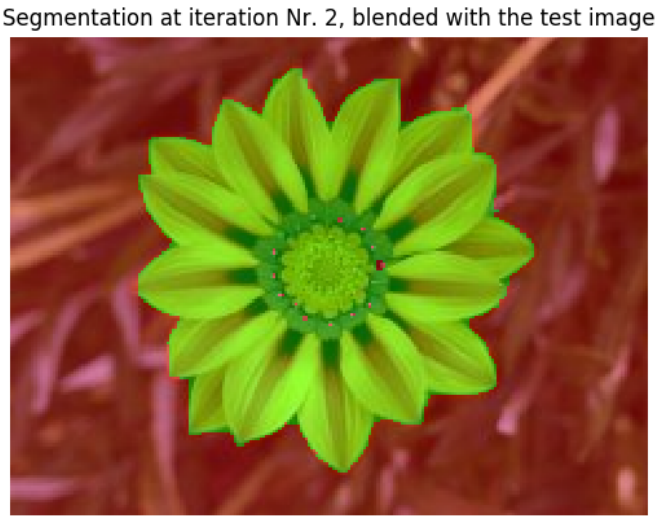

Illustration 3

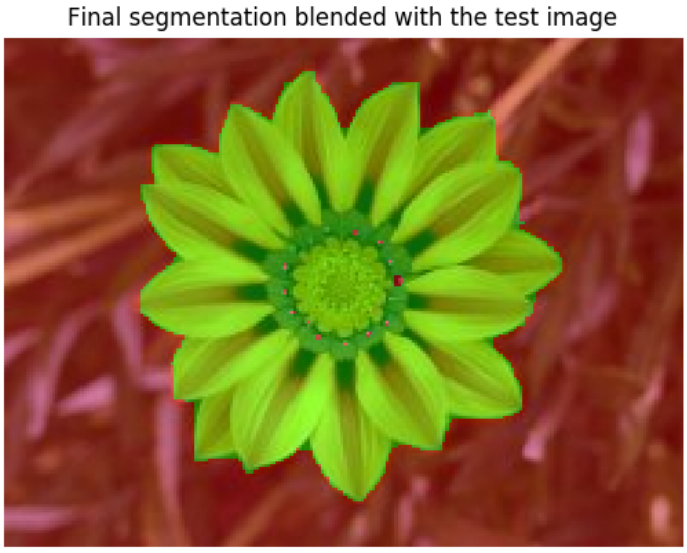

Illustration 4

Note: We saved the results for each iteration in the folder “results”.
Authors: Nicolas Acero, Sebastian Ehmes